

Transform Technology | Transform Content

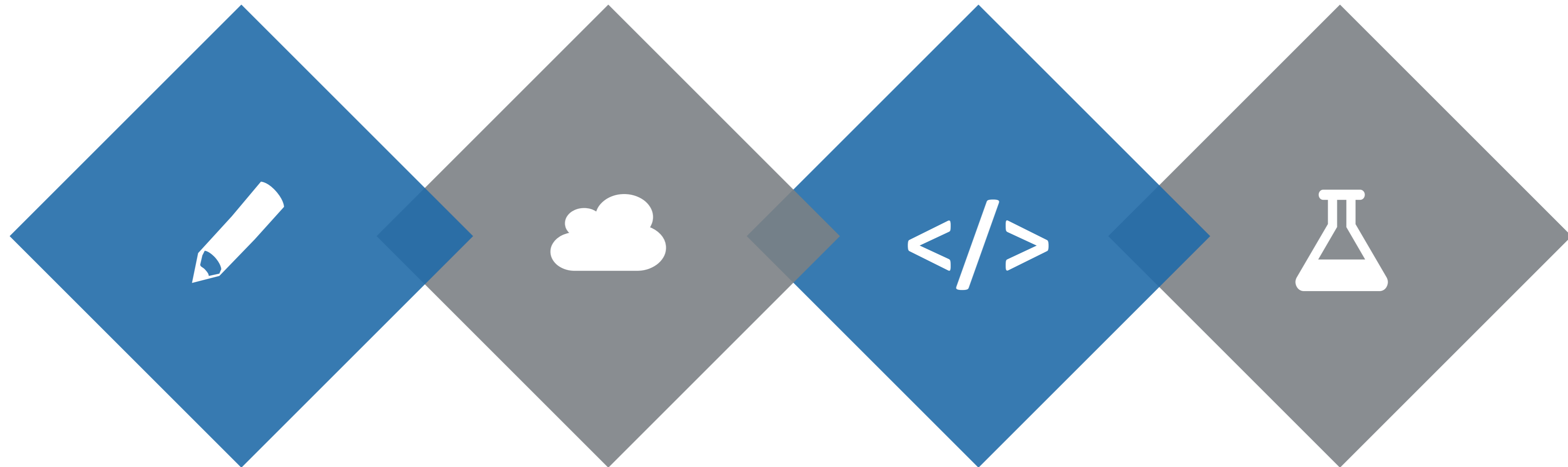
RevView Central

A SYSTEMATIC APPROACH TO ENABLING TRANSPARENCY IN PEER REVIEW

WHO WE ARE

AND OUR EXTENSIVE EXPERIENCE IN THE DOMAIN

RevView Central



20 Years

of providing content transformation services and software applications for scientific and academic publishers.

Cloud and HTML

Keeping pace with dramatic shift towards shared, collaborative and trackable content and workflows.

8 Years Browser-Based

Focused on building HTML driven and browser based applications since 2010.

11 Years Invested in Science

and academia, bringing the best scientific minds to India to share research, building cutting edge technology for them since 2011.

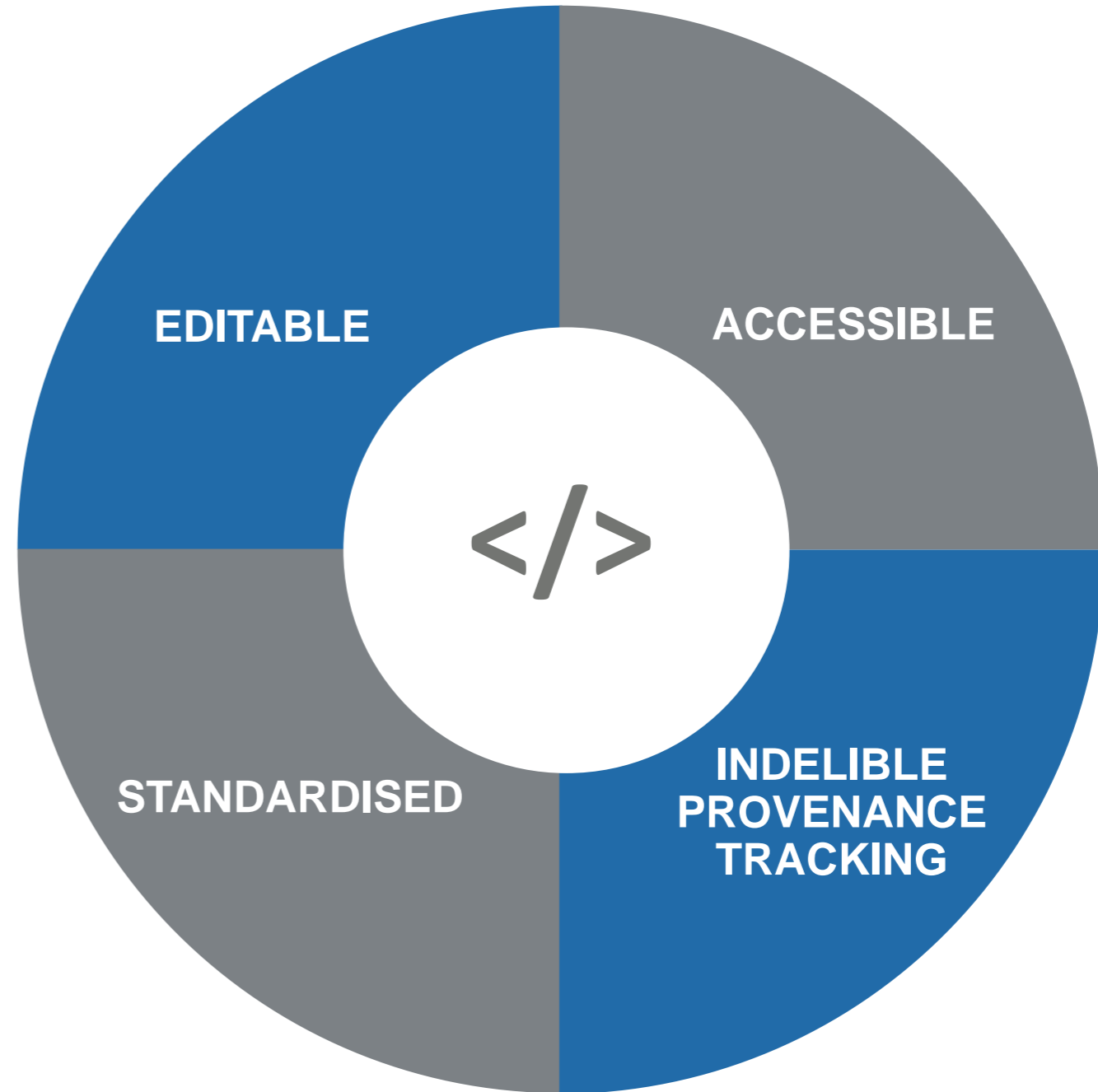
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THE FUTURE OF CONTENT REVIEW: HTML

WHY HTML

ADVANTAGES LEADING TO TRANSPARENCY

- HTML is the language of the browser - the ubiquitous platform for content dissemination.
- TNQ pioneered HTML proofing in 2010 – its success in ease-of-use to annotate and edit structured content, has validated use of HTML.
- This led to the idea of a Single-URL for a piece of content – born in HTML and undergoing a series of enrichments.



WHY A PEER REVIEW SYSTEM

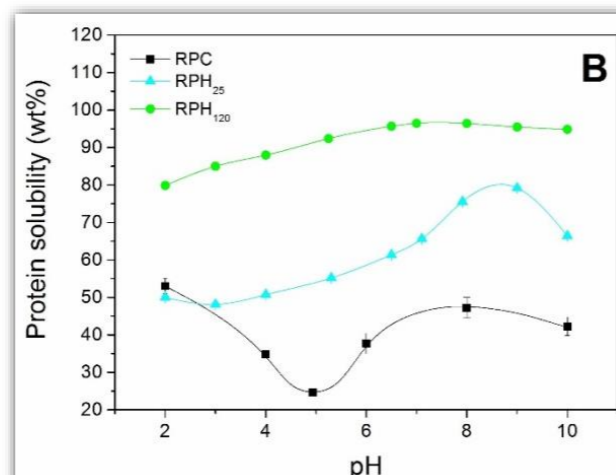
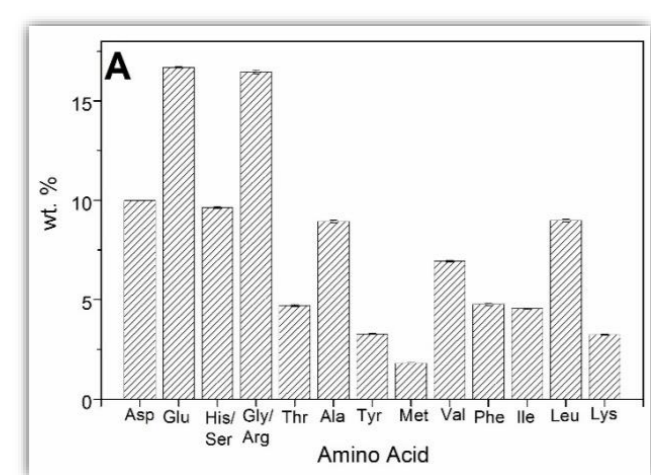
THAT USES HTML

State of the art document formats and AI conversions make for easy creation of non-invasive granular structured HTML at submission.

Bioactive properties of wheat protein-based gels

Abstract

The wheat industry produces a large amount of by-products daily. In fact, it is estimated that approximately 100 million tons of wheat residues and by-products are generated each year. However, new protein sources are demanded for human food because of the continuous increase in the global population coupled with the almost total inability to increase global food production. A proper degree of hydrolysis and an optimal pH value seem to be key factors in the manufacturing of gels, showing a remarkable influence on both rheological properties and antioxidant activities.



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Bioactive properties of wheat protein-based gels

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Figure 3. Evolution of linear viscoelastic properties for RPC, RPH₂₅ and PRH₁₂₀ gels (Fig. 3A, 3B and 3C, respectively) as a function of frequency (from 0.06 to 50 rad/s) performed at three different pH values: 2.0, 6.5 and 8.0

Figure 4. Protein interactions for all studied systems (RPC, RPH₂₅ and RPH₁₂₀) at three different pH values: 2 (A), 6.5 (B) and 8 (C).

Figure 1

Amino Acid	RPC	RPH ₂₅	RPH ₁₂₀
Asp	10	10	10
Glu	17	17	17
His/Ser	10	10	10
Gly/Arg	17	17	17
Thr	5	5	5
Ala	9	9	9
Tyr	3	3	3
Met	2	2	2
Val	7	7	7
Phe	5	5	5
Ile	5	5	5
Leu	9	9	9
Lys	3	3	3

pH	RPC	RPH ₂₅	RPH ₁₂₀
2	50	50	80
4	35	55	85
6	45	65	90
8	48	75	92
10	42	65	90

WHY A PEER REVIEW SYSTEM

THAT USES HTML

Ability to make contextual comments.

The screenshot displays a web interface for a peer review system. At the top, there is a navigation bar with a logo, 'Powered by RevView Central', a 'DASHBOARD' button, a 'Proxy Mode' toggle set to 'On', and user information: 'You are logged in as [username]' and 'Welcome [username]'. A 'PR' badge is visible in the top right corner.

The main content area is split into two columns. The left column shows a manuscript section titled '2.2.2 Free and total sulfhydryls.' with a text block describing the experimental method. A red comment icon with the number '1' is positioned to the right of the text. Below this, another section titled '2.2.3 Surface hydrophobicity of proteins (H₀).' is partially visible, also with a red comment icon.

The right column contains a 'Download article as PDF' button and a list of contextual comments. Two comments are shown, both from a user identified as '(CHIEF EDITOR)'. Each comment includes a 'Delete' icon and an 'Edit' icon. The first comment reads: 'Robust analysis and reporting of the most relevant data is recommended.' The second comment reads: 'The cohort is of a decent size, and with some finesse a descriptive analysis of this is valuable both to further interrogation of this subgroup and providing further data'. Both comments are labeled as 'Contextual comment'.

THANK YOU

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